

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Kazuya Mitsuhashi et al. Art Unit : Unknown
Serial No. : Examiner : Unknown
Filed : December 31, 2003
Title : D-AMINOACYLASE AND ENCODING GENE

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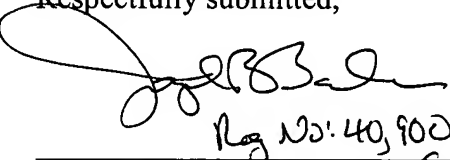
INFORMATION DISCLOSURE STATEMENT

Applicant submits the references listed on the attached form PTO-1449.

Under 35 USC §120, this application relies on the earlier filing date of application serial number 09/770,517, filed on January 26, 2001. The following references were submitted to and/or cited by the Office in the prior application and, therefore, are not provided in this application:

This statement is being filed with the application. Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,



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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 14879-072002	Application No.
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Kazuya Mitsuhashi et al.	
		Filing Date	Group Art Unit

U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						
	AB						
	AC						
	AD						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AE	EP 0896057A2	02/10/99	EPO	C12N	9/80		
	AF	EP 0976828A1	02/02/00	EPO	C12N	15/55		
	AG	WO 00/23598	27/04/00	PCT	C12N	15/55		
	AH							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AI	Makiko Sugie et al., "Optical Resolution of DL-Amino Acids with D-Aminoacylase of <i>Streptomyces</i> ", <i>Agric. Biol. Chem.</i> , 44(5), 1089-1095, 1980
	AJ	Kubo et al., "Deacetylation of PS-5, A New β -Lactam compound III. Enzymological Characterization of L-Amino Acid Acylase and D-Amino Acid Acylase from <i>Pseudomonas</i> SP. 1158, <i>J. Antibiot.</i> , 33:556-565, 1980
	AK	Moriguchi et al., "Purification and Characterization of Novel N-Acyl-D-aspartate Amidohydrolase from <i>Alcaligenes xylosoxydans</i> subsp. <i>xylosoxydans</i> A-6", <i>Biosci. Biotech. Biochem.</i> , 57:1145-1148, 1993
	AL	Sakai et al., "Purification and characterization of N-acyl-D-glutamate deacylase from <i>Alcaligenes xylosoxydans</i> A-6", <i>FEBS</i> , 289:44-46, 1991
	AM	Sakai et al., "Purification and Properties of D-Aminoacylase from <i>Alcaligenes denitrificans</i> subsp. <i>xylosoxydans</i> MI-4", <i>J. Ferment. Bioeng.</i> , 71:79-82, 1991
	AN	Sugie et al., "Purification and Properties of D-Aminoacylase of <i>Streptomyces olivaceus</i> ", <i>Agric. Biol. Chem.</i> 42:107-113, 1978
	AO	Wakayama et al., "Primary Structure of N-Acyl-D-Glutamate Amidohydrolase from <i>Alcaligenes xylosoxydans</i> subsp. <i>xylosoxydans</i> A-6", <i>J. Biochem.</i> , 118:204-209, 1995
	AP	Wakayama et al., "Cloning and Sequencing of a Gene Encoding D-Aminoacylase from <i>Alcaligenes xylosoxydans</i> subsp. <i>xylosoxydans</i> A-6 and Expression of the Gene in <i>Escherichia coli</i> ", <i>Biosci. Biotech. Biochem.</i> , 59:2115-2119, 1995

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	